

中国柑桔属二新种*

刘庚峰 贺善文 李文斌

(湖南省农业科学院园艺研究所, 长沙)

TWO NEW SPECIES OF CITRUS IN CHINA

Liu Gengfeng, He Shanwen, Li Wenbin

(Hunan Horticultural Research Institute, Changsha)

关键词 道县野桔; 莽山野桔

Key words *Citrus dao-xianensis*; *C. mangshanensis*

道县野桔 新种 图 1

Citrus dao-xianensis S. W. He et G. F. Liu, sp. nov.

Species affinis *C. tachibanae*, a

qua hesperidio subgloboso, supericie muricato, in hesperidio substantiis pecticis multis et in cellulis guttis acidis continente differt.

Arbuseulus sempervirens, 7—8 m alta, cortice griseo-brunneo; ramulis viridibus spinosis; foliis late lanceolatis, apice acuminatis apice ipso retusis, basi cuneatis usque late cuneatis, margine laxe crenulatis, 6—7.2 cm longis et 2.3—3 cm latis, petiolis c. 1 cm longis; floribus solitariis vel fasciculatis, 1.1 cm diametro, ramulis floralibus redactis numerosis, pedicellis c. 3—4 mm longis; calycibus 5-fidis viridibus glabris; petalis

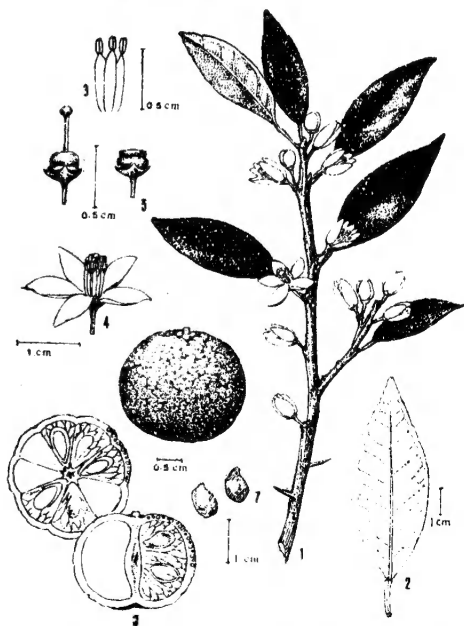


图 1 道县野桔 *Citrus dao-xianensis* S. W. He et. G. F. Liu 1.花枝; 2.叶; 3.果实和果实的解剖图; 4.花; 5.雌蕊解剖图; 6.雄蕊; 7.种子。

5, albis sub anthesi oblique patulis; staminibus 13—19, filamentis basi in fasciculos connatis; ovario sphaerio vel sphaeroideo, glabro, apice stylo brevi-crasso et stigmate sphaerico coronato; hesperidio globoso superficie muricato, diametro longitudinale 2.4—3 cm et diametro horizontale 2.8—3.2 cm, 11—20g grave, endocarpio crasso-membraceo, in 7—8 loculos reniformes efformante, inter loculis substantiis pecticis continente; cellulis fusiformibus, flavidis vel aurantiacis basi stipitatis, in cellulis fusiformibus guttis acidis capiente; sapore hesperidii acidissime; seminibus ovatis rostellatis vel rostratis, raphibus manifestis.

Hunan (湖南): Daoxian (道县), alt. 500 m, May 5, 1976, G. F. Liu (刘庚峰) 7601 (Typus, Hunan Hort. Res. Inst.); Jiangyong (江永), alt. 550 m, Nov. 20, 1976, G. F. Liu 7605; Shuangpaixian (双牌县), alt. 500 m, May 6, 1976, G. F. Liu 7603; Yuzhangxian (宜章县) Mangshan, alt. 520 m, May 2, 1976, G. F. Liu 7604.

本种与立花桔 (*C. tachibana*) 相似, 但果内含多量果胶, 汁胞内含酸油点, 可以区别。

莽山野柑 新种 图2

Citrus mangshanensis S. W.

He et G. F. Liu, sp. nov.

Species affinis *C. daoxianense* et *C. indicae*, quae differunt hac hesperidio magno pericarpio crasso scabro et in hesperidio substantiis pecticis et in cellulis guttis acidis continente; illa in hesperidio substantiis pecticis multis continente, cellulis globosis vel ovatis.

Arbor sempervirens, 8—9 m alta, cortice cineraceo vel brunneo; rami flexuosi, ceris griseis tecti; ramuli virides spinosi; folia late elliptica usque ovata, 4.2—5.3 cm longa et 2.4—2.7 cm lata, apice acuta, basi late cuneata, margine crenulata, supra ceris leviter tecta, subtus virida, petiolis 9 mm longis; flores solitarii vel fasciculati, 1.8—2.3 cm diametro, pedicellis c. 5 mm longis; calyx 5-fidu, viridis; petala 5, linguiforma,

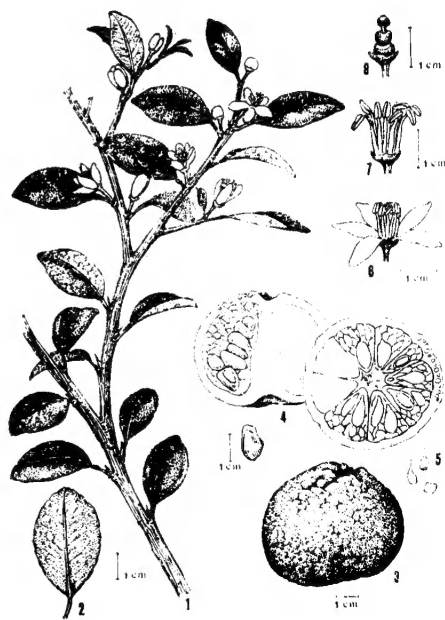


图2 莽山野柑 *Citrus mangshanensis* S. W.

He et G. L. Liu 1.花枝, 2.叶, 3.果实, 4.果实的剖面, 5.汁囊, 6.花, 7.雄蕊, 8.雌蕊。

alba, imbricata; stamina 20—24, filamentis liberis vel in fasciculos basi connatis; ovarium subpyriforme vel sphaeroideum, apice stylo brevicrasso et stigmate inflato coronatum; hesperidium subpyriforme vel sphaeroideum, diametro longitudinale 5—6.5 cm et diametro horizontale 6—7.5 cm, pericarpio superficiei muricato, mesocarpio et endocarpio in 9—10 loculos efformantibus, inter loculis substantiis pectiis multis contiens, cellulis globosis vel ovatis, acido-guttatis, sapore acidissimo et leviter amaro; semen ovadeum leviter compressum vel polyedroideum, testo ruguloso, monoembryone vel polyembryone, viride vel albo.

Hunan (湖南): Mangshan (莽山), alt. 700 m, Oct. 7, 1978, G. F. Liu (刘庚峰) 7801 (Typus, Hunan Hout. Res. Inst.), 7802, 7803, 7804.

本种与道县野桔 (*C. daoxianensis*) 的区别为果内含多量果胶, 汁胞为圆珠状或卵形, 也与 *C. indica* 近, 不同在于柑果较大, 果皮较厚较粗糙, 柑果内含较多果胶, 汁胞内有酸油点, 可以区别。

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